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BIOMETRIC SERIES VIII

A MONOGRAPH ON ALBINISM IN MAN

BY
KARL PEARSON, F.R.S., E. NETTLESHIP, F.R.C.S., F.R.S.
AND
C. H. USHER, M.B., B.C. CAMB.

ATLAS

PART II

PLATES α—ω AND $\alpha\alpha$—$\eta\eta$

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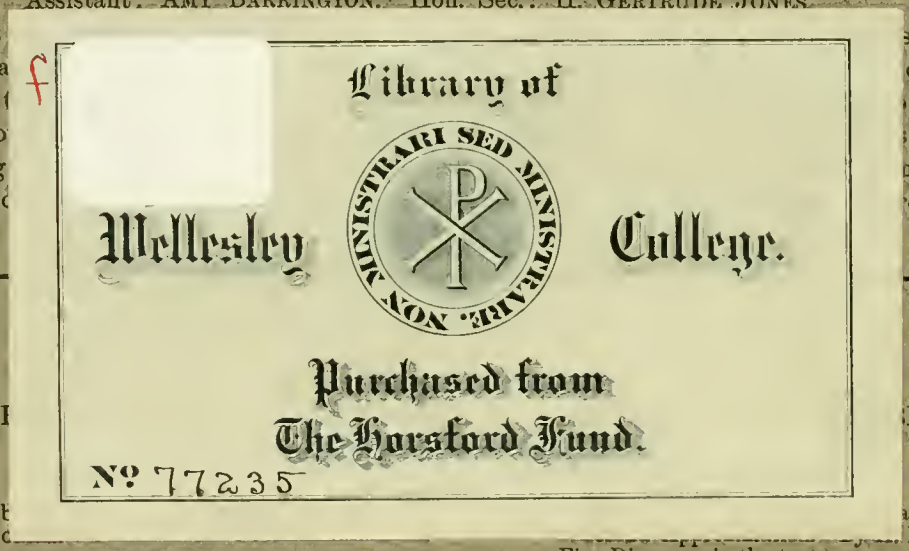

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1913

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CORRIGENDA TO PLATES

PLATE *v* (13). *For* XI. (13) *read* XII. (19).
(8). *For* XII. (17) *read* XII. (18).

PLATE *ψ*. Below right skin *for* XI. (12) *read* XI. (11).

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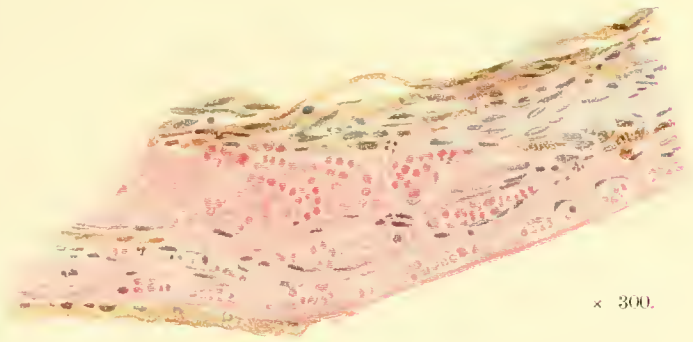

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Fig. (i).

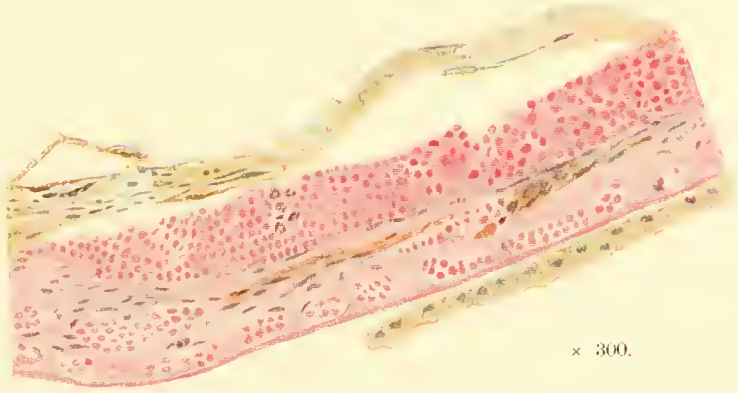

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Fig. (ii).

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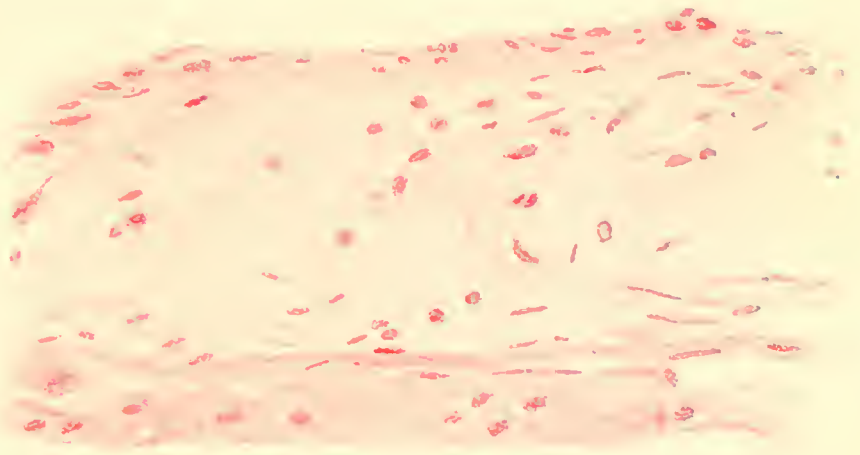

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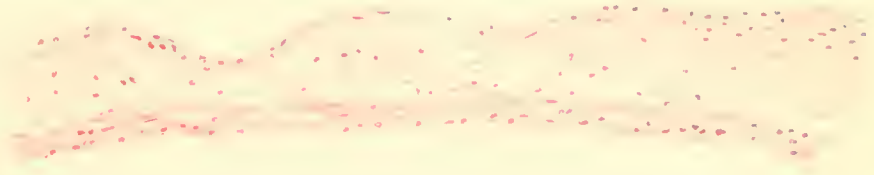

Fig. (iv). × 200.

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Sections of the Human Albinotic Eye.

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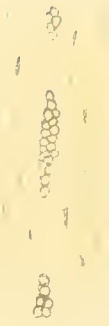
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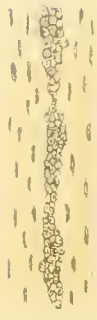
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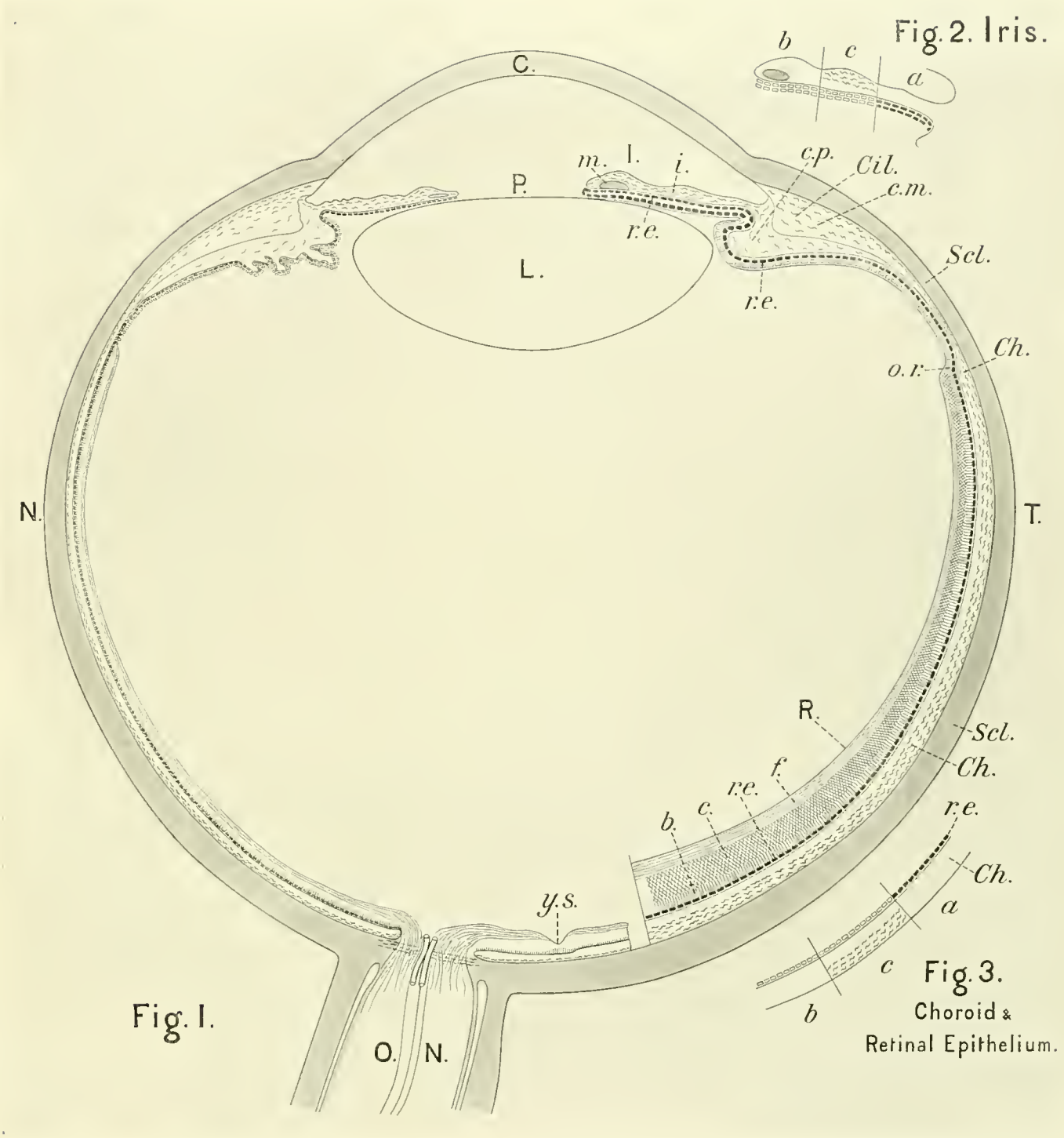
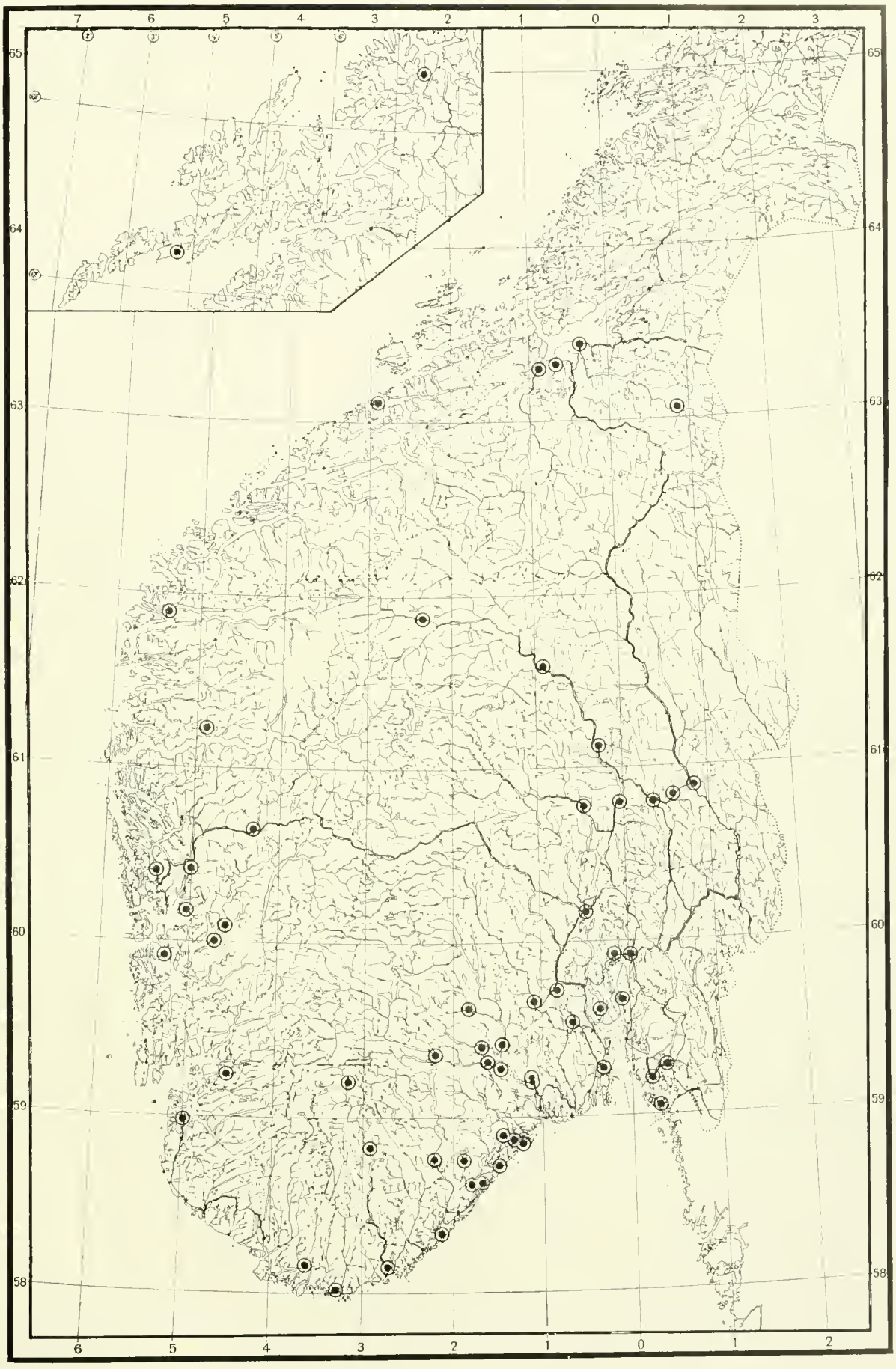
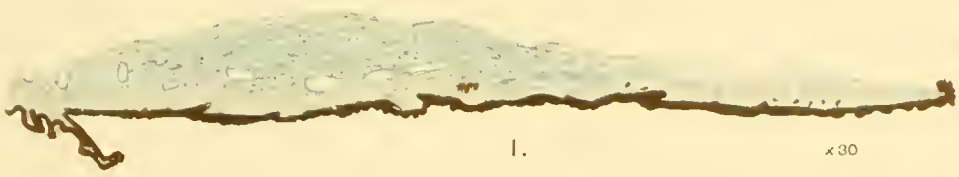
SECTIONS OF HUMAN HAIR.



DIAGRAMMATIC HORIZONTAL SECTION OF HUMAN EYE.



DISTRIBUTION OF ALBINOTIC STOCKS IN NORWAY (VILHELM MAGNUS).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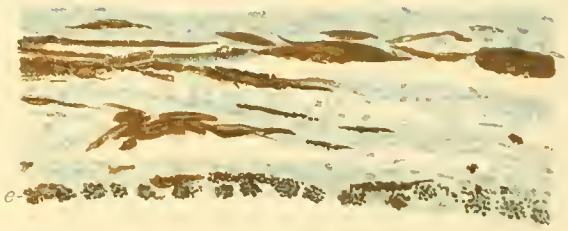

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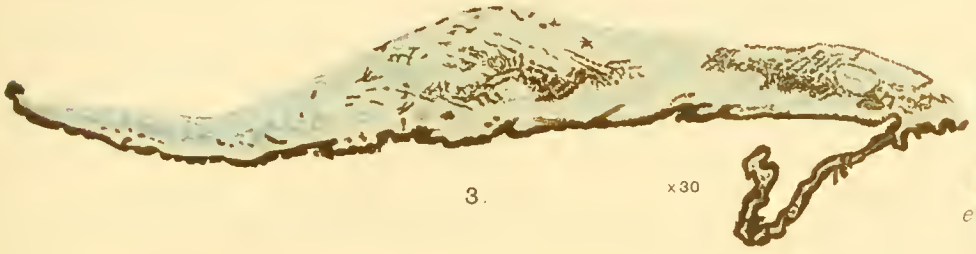
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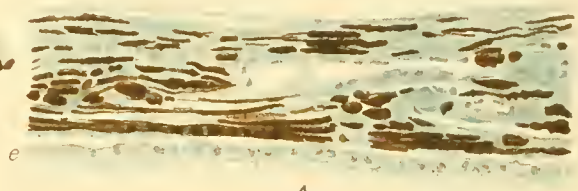

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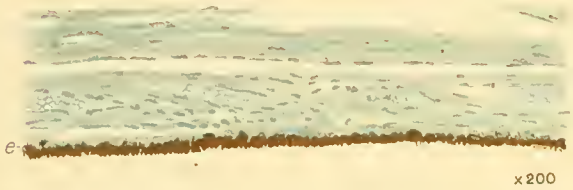

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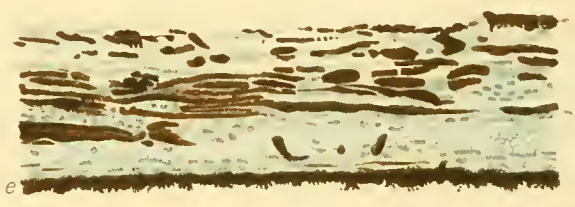

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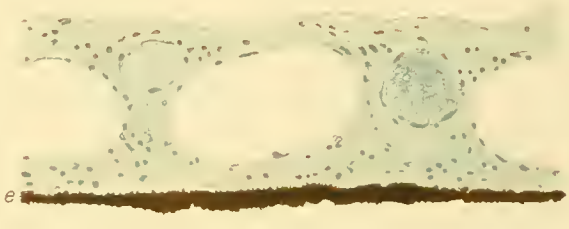

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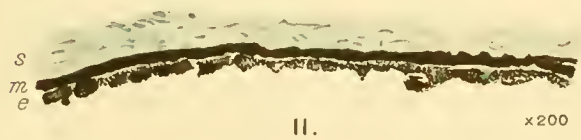

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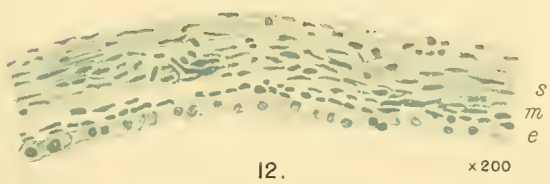

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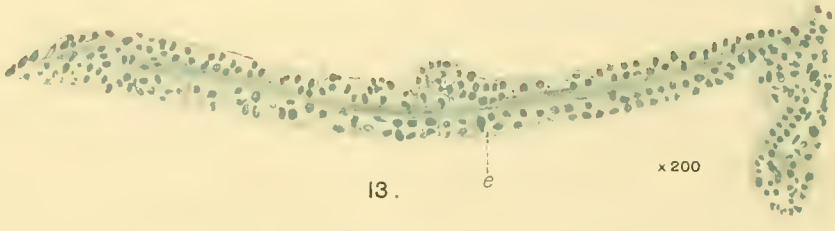

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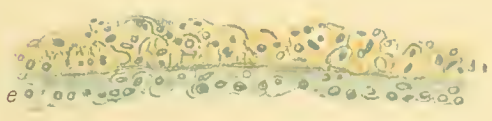

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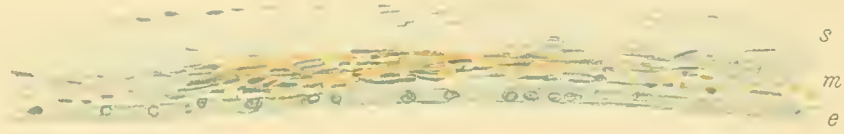

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MICROSCOPIC DRAWINGS, IRIS AND CHOROID, NORMAL AND ALBINOTIC, IN VARIOUS ANIMALS.

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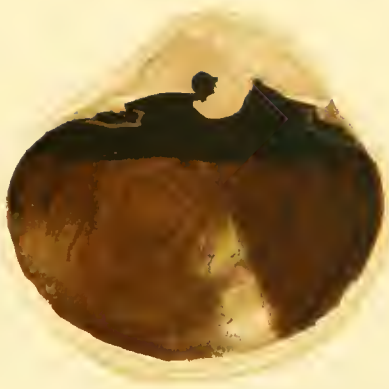

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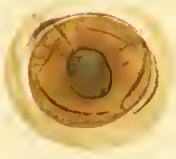

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Normal Horse.—1. Choroid posterior half, retina removed. 2. Normal Iris.
Wall-eyed Horse.—3-4. Antero-posterior section, crystalline lens and retina removed. 5. Iris, front view cornea removed.
Mountain Hare.—L. Variabilis. 6. Eye, January. 7. Eye, August, cornea removed.

Ourang Outang *sive Homo silvestris.*

Hircipedes Satyros, Sphingas, Faunosque petulcos,
Nec pueri credunt: tamen hoc mirabile Monstrum
Humana specta facie, tum moribus illi
Assimile in gemitu, tum fletibus ora rigando.

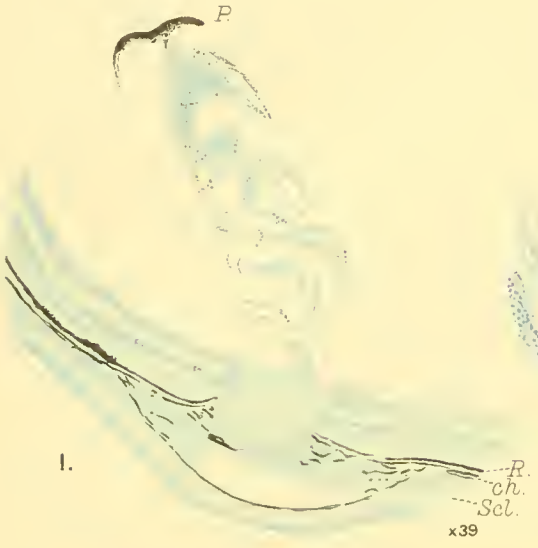
PLinius, ille Naturæ Genius, lib. 7, cap. 2, de Satyris dixit: Sunt & Satyri, subsolanis in Indis locis & montibus pernicissimum animal; tum quadrupedes, tum & recte currentes humana specie & effigie. propter velocitatem nonnisi senes aut ægri capiuntur.

OVRANG OVTANG.

Ast quod maiorem [illegible] adhuc attinet, vidi ego aliquot utriusque sexus erecte mee-

BONTIUS' OURANG OUTANG OR *H. SILVESTRIS* OF 1658, IDENTIFIED BY LINNAEUS IN THE FIRST TWELVE EDITIONS OF HIS *SYSTEMA* WITH THE *H. NOCTURNUS* OR ALBINO.

Hair Pedigree of an Albinotic Family (Fig. 535. C. H. Usher).



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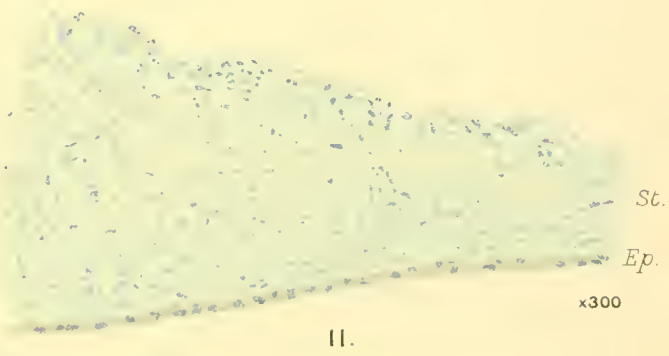

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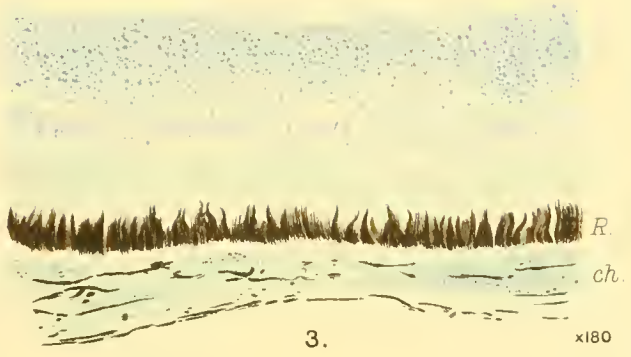

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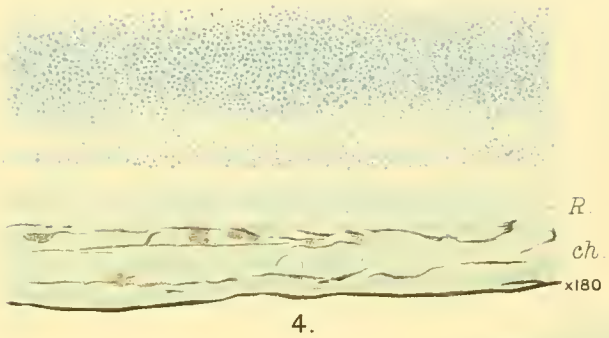

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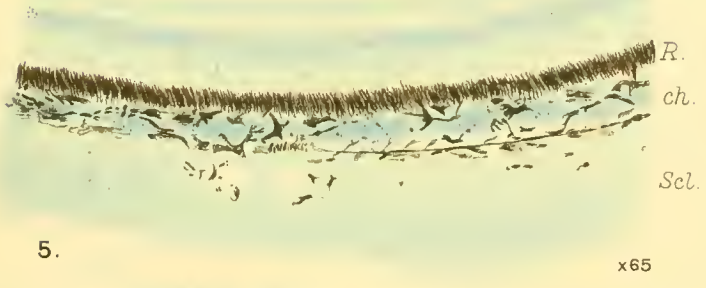

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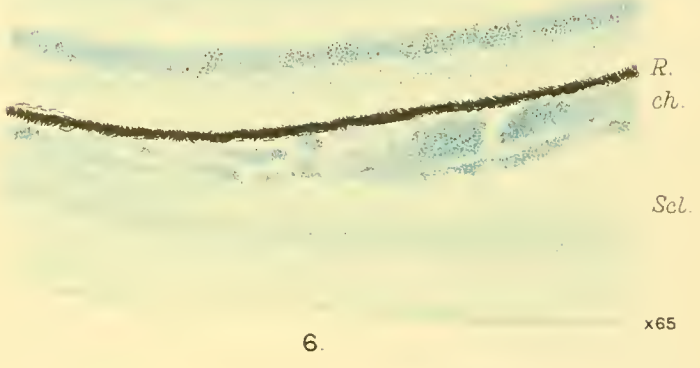

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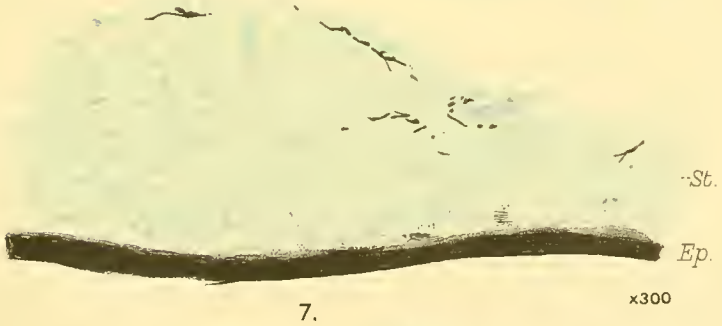
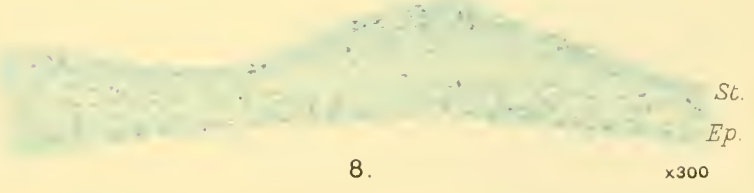
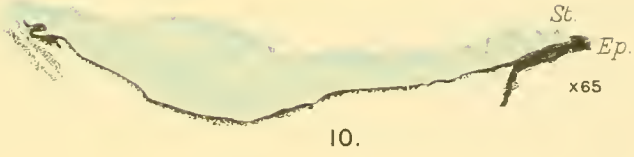


7.



8.

9.



10.

J.B.Souter del.

University Press Cambridge

MICROSCOPIC DRAWINGS, IRIS, CHOROID, RETINA AND PECTEN, IN NORMAL AND ALBINOTIC BIRDS.

Samples of Albinotic, partially Albinotic and Normal Human Hair.

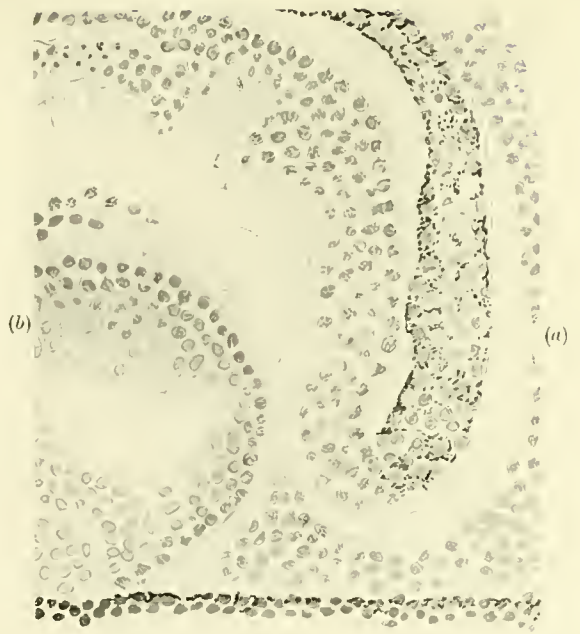


FIG. 1. SECTION OF EYE IN 4TH WEEK EMBRYO (10 MM. LONG).
(*a*) PIGMENT GRANULES IN PIGMENT LAYER OF RETINA.
(*b*) LENS. [DR LOW'S SECTION]

FIG. 2. SECTION OF EYE, 10TH WEEK FOETUS (28 MM. LONG).
(*a*) PIGMENT LAYER OF RETINA.
[DR LOW'S SECTION]

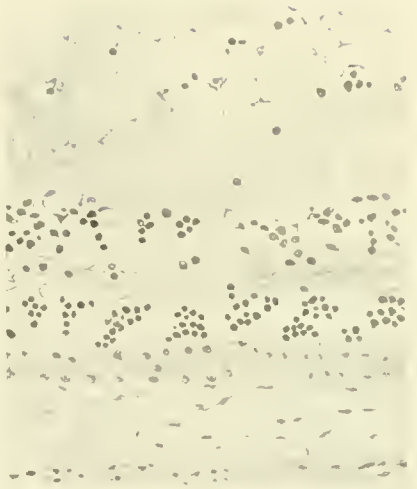


FIG. 3. SECTION OF RETINA OF ALBINO CHILD, WITH ABSENCE OF ALL PIGMENT.

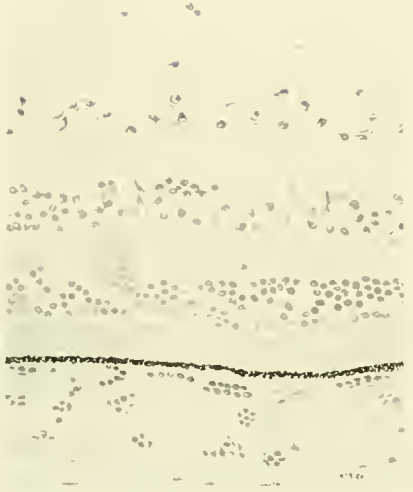
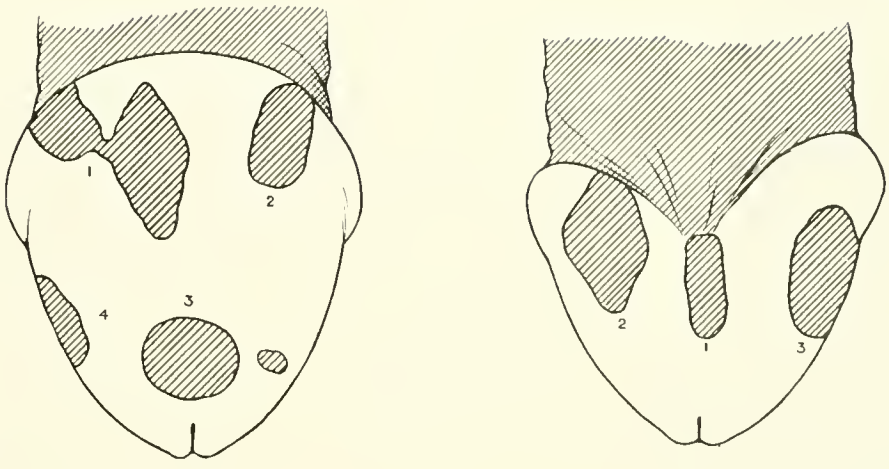


FIG. 4. SECTION OF RETINA OF NORMAL CHILD OF SAME AGE, SHOWING PIGMENT LAYER.

FIG. 5. SECTION OF IRIS OF ALBINO CHILD, WITH ABSENCE OF ALL PIGMENT.

FIG. 6. SECTION OF IRIS FROM NORMAL CHILD OF SAME AGE.

REPRODUCED FROM ADLER AND MCINTOSH'S MEMOIR, *BIOMETRIKA* VOL. VII. BY KIND PERMISSION OF THE PROPRIETORS.



1 A 1 B

1 A AND 1 B. DORSAL AND VENTRAL ASPECTS, OF THE GLANS PENIS, SHOWING THE DISTRIBUTION OF THE PIGMENTED (SHADED) AREAS.

2. MICROSCOPIC SECTION THROUGH THE EDGE OF THE PIGMENTED AREA 3 ON THE DORSAL SURFACE OF THE GLANS. ON THE RIGHT-HAND SIDE OF THE SECTION DEEP PIGMENTATION INVOLVING THE BASAL CELLS AND TO A CERTAIN EXTENT THE SUPERFICIAL CELLS. PROCEEDING TOWARDS THE LEFT THE PIGMENT BECOMES MORE SPARSE ULTIMATELY TO VANISH ON THE EXTREME LEFT OF THE SECTION. IN THE SUBMUCOUS TISSUE SEVERAL CHROMATOPHORES ARE SEEN ON THE RIGHT-HAND SIDE OF THE SECTION.

Imported Norwegian Male and Female Variable Hares.

It is only possible to reproduce a selection of the photographs. The descriptions, pp. 421—6, are from the living hares, and their dates differ from those of the photographs.

(1) 29/3/'10 ♀

(2) 29/3/'10 ♂

(3) 29/3/'10 ♀

(4) 29/3/'10 ♂

(5) 24/4/'10 ♂

(6) 24/4/'10 ♂

(7) 24/4/'10 ♂

(13) 26/6/'10 ♂

(12) 30/5/'10 ♀

(11)[b] ♂ '30/5/'10 ♀ (11)[a]

(10)[b] 30/5/'10 ♂

(10)[a] 30/5/'10 ♀

(9) 24/4/'10 ♀

(8) 24/4/'10 ♀

(14)[b] 26/6/'10 ♂

(15) 26/7/'10 ♂

(16) 22/8/'10 ♀

(17) 22/8/'10 ♂

(18)[a] ♂ 22/8/'10 ♀ (18)[b]

(20)[a] 13/9/'10 ♂

(20)[b] 13/9/'10 ♀

(27) 26/10/'10 ♀

(26) ♀ 26/10/'10 ♀

(25) 19/10/'10 ♀

(24) 19/10/'10 ♀

(23) 12/10/'10 ♀

(22) 12/10/'10 ♀

(21)[b] 13/9/'10 ♀

(21)[a] 13/9/'10 ♂

(28) 2/11/'10 ♀

(29) 2/11/'10 ♀

(30) 9/11/'10 ♀

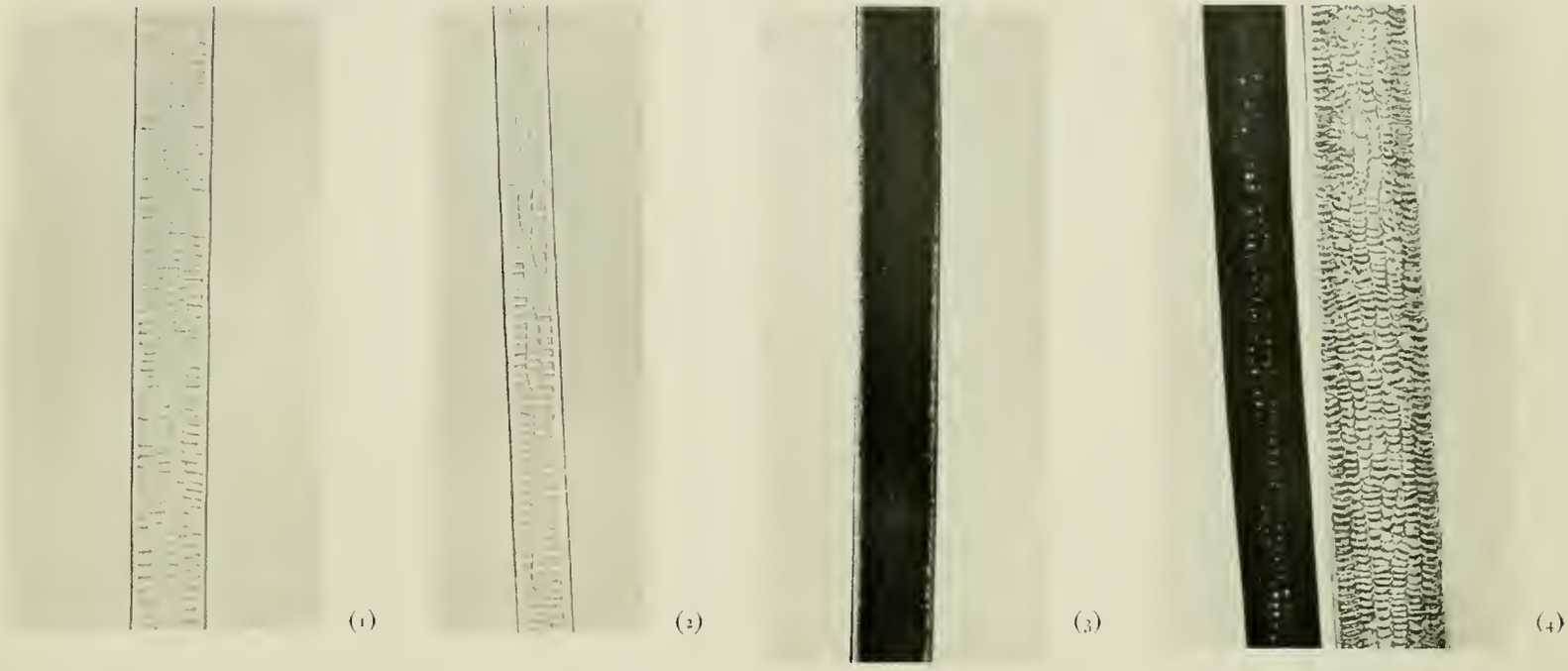
(31) 16/11/'10 ♀

(32) 16/11/'10 ♀

(34) 16/11/'10 ♀

(36) 23/11/'10 ♀

HAIRS OF *LEPUS VARIABILIS*, MICROPHOTOGRAPHS BY MR C. H. O'DONOGHUE.



(1) HAIR OF WINTER COAT, TOTAL ABSENCE OF PIGMENT.

(2) WINTER COAT, NEARER TO TIP OF HAIR, NO PIGMENT.

(3) HAIR OF SUMMER COAT, DENSELY PACKED WITH PIGMENT GRANULES. P. 451 (*k*).

(4) BANDED HAIR, WELL PIGMENTED FRUSTRUM NEARER TIP ON LEFT, FRUSTRUM OF SAME HAIR WITH DIFFUSED PIGMENT ONLY ON RIGHT. P. 450 (*d*).

WHITE HAIRS OF P. 450 (*d*).

(5) MR GEORGE SHIRAS'S ALBINO PORCUPINE, EATING MOSS. FLASHLIGHT PHOTOGRAPH, *NATIONAL GEOGRAPHICAL MAGAZINE*, VOL. XXII. P. 574, 1911.

(6)

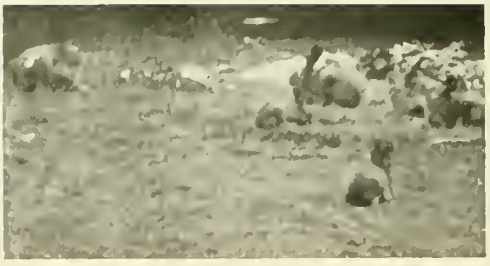
(7)

ALBINO *MUS AGRESTIS* FROM PHOTOGRAPHS MOST KINDLY SENT TO K. PEARSON BY MR DOUGLAS ENGLISH. RED "RATHER METALLIC" LOOKING EYES, NO TRACE OF YELLOW IN FUR.

ABERDEEN-BRED NORWEGIAN

An asterisk (*) marks the imported Norwegian mother.

(1) 26/6/10, Leverets



(2) 14/8/10, Leverets

(3) 12/10/10*

(4) 12/10/10

(22) 7/12/10

(21) 30/11/10

(20) 30/11/10

(19) 30/11/10

(18) 23/11/10

(17) 16/11/10*

(23) 7/12/10

(24) 14/12/10

(25) 14/12/10

(26) 14/12/10

(27) 21/12/10

(28) 21/12/10

(46) 1/4/11

(45) 1/4/11

(44) 28/3/11

(43) 28/3/11

(42) 25/3/11

(41) 25/3/11

(47) 5/4/11

(48) 5/4/11

(49) 8/4/11

(50) 8/4/11

(51) 12/4/11

(52) 12/4/11

(70) 19/5/11

(69) 19/5/11

(68) 19/5/11

(67) 19/5/11

(66) 19/5/11

(65) 19/5/11

The reader will find some

VARIABLE HARES.

The Aberdeen-bred male hare is not so marked.

(5) 26/10/10※

(6) 26/10/10※

(7) 2/11/10※

(8) 2/11/10

(9) 2/11/10※

(10) 2/11/10

(16) 16/11/10

(15) 16/11/10※

(14) 16/11/10

(13) 9/11/10

(12) 9/11/10※

(11) 9/11/10

(29) 28/12/10

(30) 4/1/11

(31) 18/1/11

(32) 25/1/11

(33) 15/2/11

(34) 15/2/11

(40) 22/3/11

(39) 22/3/11

(38) 18/3/11

(37) 18/3/11

(36) 8/3/11

(35) 8/3/11

(53) 15/4/11

(54) 15/4/11

(55) 19/4/11

(56) 22/4/11

(57) 22/4/11

(58) 29/4/11

(64) 14/5/11

(63) 14/5/11

(62) 14/5/11

(61) 14/5/11

(60) 6/5/11

(59) 6/5/11

assistance from the use of a lens.

(1)

EXTRA PEDIGREES X. JIM D. X. IV. 2, MRS ELIZA D. X. III. 1, ROBERT D. X. IV. 3, AND LILLIE D. X. IV. 4, FROM LEFT TO RIGHT. MOTHER AND THREE CHILDREN. FATHER A MULATTO.

(2)

JIM D. EXTRA PEDIGREES X. IV. 2. DARK PIGMENT, ROBERT HAS LIGHT PIGMENT.

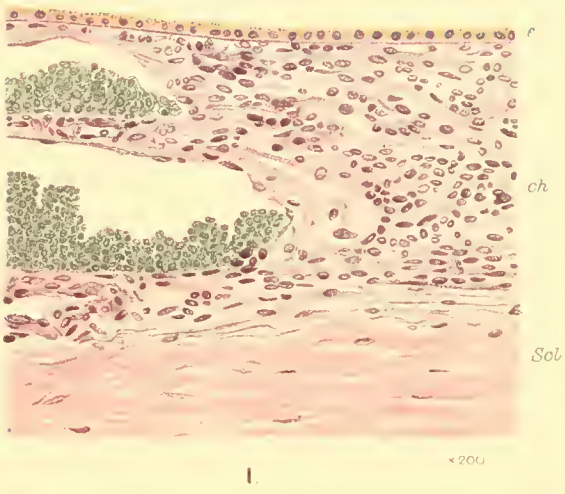
(3)

MRS ELIZA D. EXTRA PEDIGREES X. III. 1.

(4)

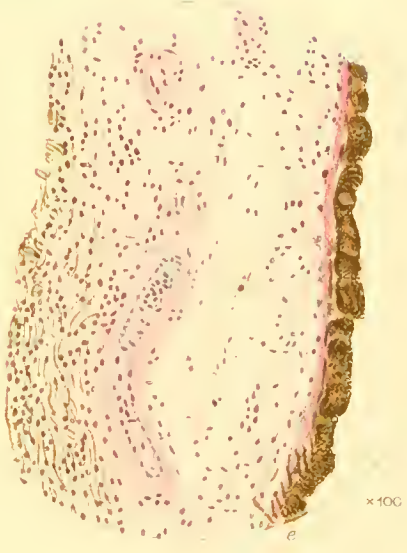
LILLIE D. EXTRA PEDIGREES X. IV. 4. DARK PIGMENT.

SIMPSON AND CASTLE'S PIEBALD NEGRO FAMILY. BLOCKS KINDLY LENT BY THE AUTHORS AND BY THE PROPRIETORS OF *THE AMERICAN NATURALIST*. SEE EXTRA PEDIGREES. FIG. X.

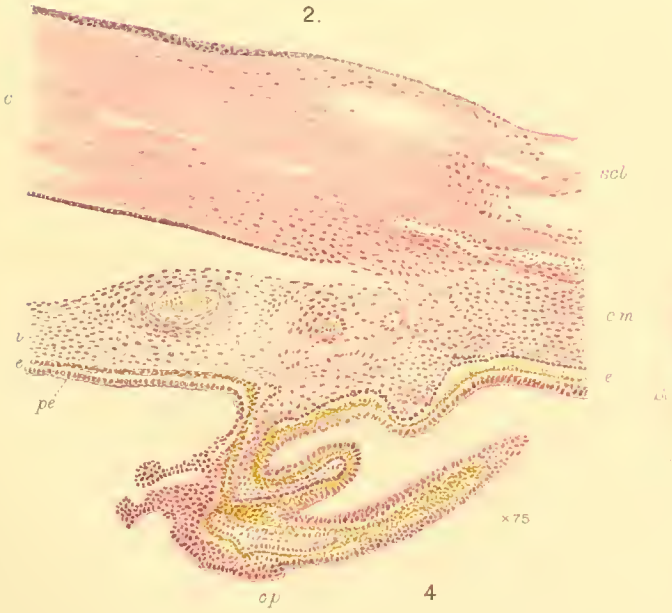


1.

2.



3.



4

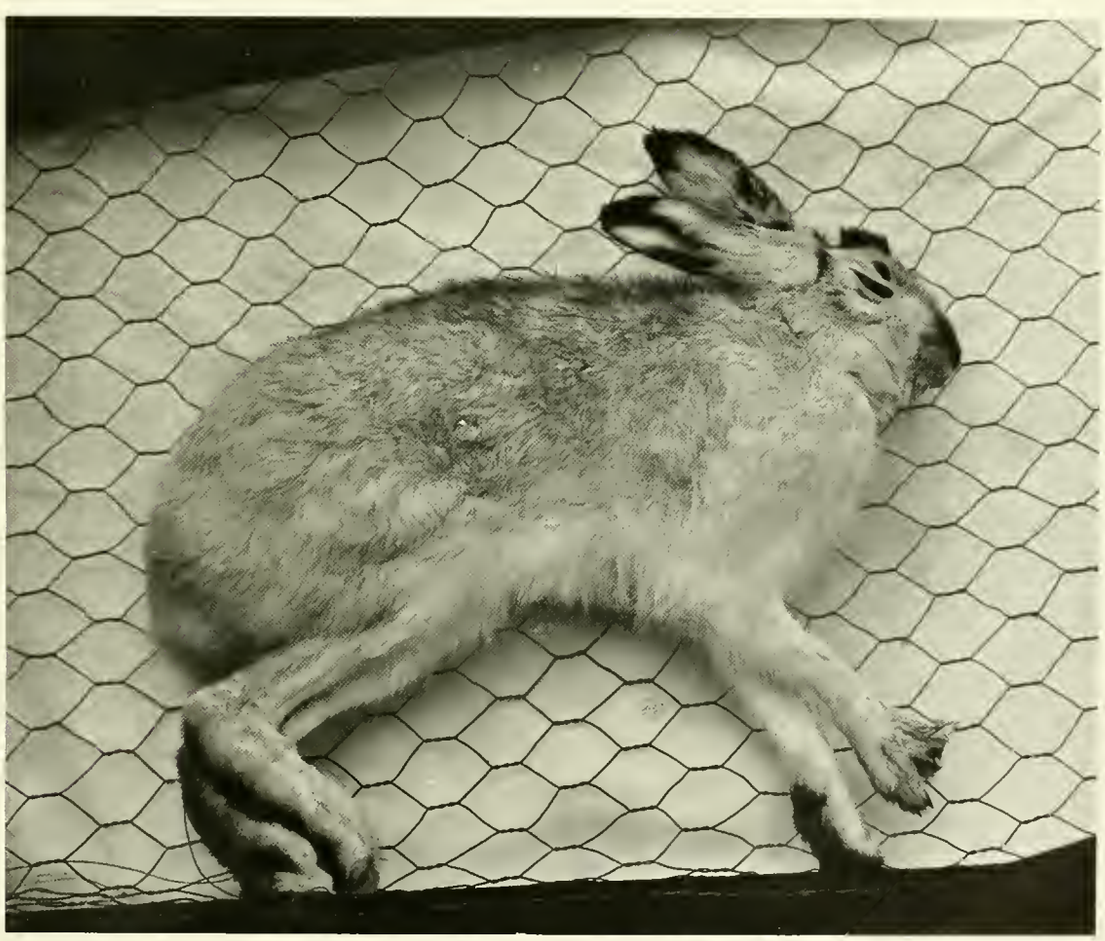
5.

M H Lapidge, del

FIGS. 1 2 3. SECTIONS OF ALBINO NEGRO'S EYE. FIGS 4 & 5 SECTIONS OF ALBINO PEKINESE DOGS' EYES. FOR DESCRIPTION: SEE P. 403 OF TEXT.

1. PARTIAL ALBINISM IN A *COUNOCHAETES GNU*, WHICH HAS A REMARKABLE WHITE FLARE ON THE FOREHEAD, FROM A PHOTOGRAPH SENT BY DR GRAHAM RENSHAW.

2. ALBINO BUFFALO CALF, FROM A PHOTOGRAPH SENT BY MAJOR W. F. HARVEY, I.M.S., PASTEUR INSTITUTE, KASAULI.



3. ADULT FEMALE NORWEGIAN HARE DIED AND PHOTOGRAPHED NOVEMBER 25, 1910. THE ILLUSTRATION SHOWS VERY CLEARLY THE LONG HAIR ON THE "CROWN PATCH" REMAINING FROM THE SUMMER COAT: SEE *TEXT*, P. 425.

(1)

(2)

(3)

ILLUSTRATIONS OF V. 5, EXTRA PEDIGREES FIG. W, ONE OF THE THREE PIEBALDS OCCURRING IN DR N. M. MACFARLANE'S CASE OF THE BASUTOLAND FAMILY WITH 15 COMPLETE ALBINOS.

(4)

(5)

(6)

ILLUSTRATIONS OF PIEBALDISM OCCURRING IN STOCK WITH ALBINOTIC ANCESTRY IN DOGS. (5) IS THE POMERANIAN BITCH OLGA, ANCESTRY PURE BLACK FOR MANY GENERATIONS. CROSSED WITH THE WHITE ALBINO PEKINESE DONDO THE RESULT IS A SHORT-NOSED DOG THE POMPEK, WHICH IS USUALLY PURE BLACK, BUT MAY HAVE A LITTLE WHITE ON CHEST (SEE PLATE χ). (4) AND (6) REPRESENT OFFSPRING OF POMPEK ♂ × DONDO ♀; THE OFFSPRING MAY BE WHOLE BLACK OR PIEBALD, THEY HAVE THE SHORT MUZZLES OF THE ORIGINAL DONDO ANCESTRY.

(1)

VII. 17. ♀ Tong I (Foundation Stock).

(2)

XI. 31. ♂ Wee Ling. XI. 33. ♀ Wee Tong, 2 years.

(3)

XI. 31. ♂ Wee Ling, 2 years.

(4)

XI. 33. ♀ Wee Tong, 2 years.

(5)

XI. 26. ♀ Mairi Bhan, aged 9 months.

(6)

XI. 31. ♂ Wee Ling, aged 2 years.

(7)

XIII. 6. ♂ Cyclops.

(8)

XII. 17. ♂ Donald Ban ("Idiot").

(9)

X. 20. ♀ Spook (Foundation Stock).

(1)—(18) ALBINO PEKINESE SPANIELS = DONDOS.

X. 9. ♂ JACK (FOUNDATION STOCK). (10)*

X. 9. ♂ JACK (FOUNDATION STOCK). (11)*

XI. 13. ♀ PATTY. (12)

XI. 13. ♂ HAMISH. (13)

X. 10. ♀ JILL (FOUNDATION STOCK). (14)*

XI. 6. ♂ WANG. (17)

XI. 27. ♂ IAN BAN. (16)

X. 9 AND X. 10. JACK AND JILL AS PUPPIES, 12 MONTHS OLD. (15)

XI. 27. ♂ IAN BAN. (18)

* (10), (11) and (14) are at age 4 years.

X. 10. ♀ JILL, AND HER COLOURED PUPS, ♂ FE, XI. 9. AND ♂ FO, XI. 10. TO LEFT (HEADS ONLY), ♀ FI, XI. 8. TO RIGHT. (19)

XI. 9. ♂ FE, AND XI. 10. ♂ FO, PARTIALLY COLOURED ALBINOS. (20)

XI. 8. ♀ FI, ALBINO FROM SAME LITTER. (21)

II. 7. ♂ HUANGTU, IMPORTED BY MR GEORGE BROWN. WHITE COAT, PIGMENTED EYES AND NOSE. (22)

XI. 9. ♂ FE, SHOWING PIEBALD CHARACTERS. (23)

XI. 10. ♂ FO, 20 MONTHS OLD, SHOWING DISTRIBUTION OF COLOURED PATCHES. (24)

PAILU ♀, AGED 15 YEARS. PALE CREAM COLOURED, PIGMENTED EYES AND NOSE. IS AT TIMES PARALYSED IN HIND-QUARTERS AND RATHER DEAF. BELONGED TO MR GEORGE BROWN. (25)

XI. 10. ♂ FO, 20 MONTHS OLD, SHOWING DISTRIBUTION OF COLOURED PATCHES. (26)

LESS COMPLETE ALBINO PEKINESE SPANIELS.

(27)

XI. 30. ♀ OLGA, BLACK POMERANIAN.

(28)

XII. 25. ♂ IAN DHU, POMPEK.

(29)

XII. 25. ♂ IAN DHU, POMPEK.

(30)

XII. 26. ♀ MAIRI DHU, POMPEK.

(31)

XII. 33. ♀ YFA DHU, POMPEK PUPPY.

(32)

XI. 26. ♀ MAIRI BHAN, DONDO, AND
XII. 23 ♂ DONALD DHU, POMPEK.

(33)

XII. 23. ♂ DONALD DHU.

(34)

XII. 24. ♂ DUGALD DHU, POMPEK.

(35)

XII. 30. ♀ BUNA DHU,
POMPEK.

XII. 25. ♂ IAN DHU, POMPEK.

POMPEKS = HYBRIDS OF ♂ DONDO AND ♀ BLACK POMERANIAN.

SKIN OF ♂ ALBINO PUPPY, AGED 51 DAYS, XII. 9 OF PEDIGREE OUT OF TING × JACK, BOTH DONDOS.

SKIN OF ♂ INCOMPLETE ALBINO, AGED 35 DAYS, FUM. XI. 12 OF PEDIGREE OUT OF JILL × JACK, BOTH DONDOS.

SKIN OF PIEBALD PUPPY, AGED 2 DAYS, XIII. 15 OF PEDIGREE, OFFSPRING OF ♀ POMPEK, MAIRI DHU, AND OF ♂ DONDO, IAN BAN. PATCHES ARE 'LILAC' WITH PIGMENT GRANULES. ALBINOTIC EYES WITH SOME PIGMENT: SEE *TEXT*.

SKIN OF PIEBALD PUPPY, AGED 2 DAYS, XIII. 13 OF PEDIGREE, OFFSPRING OF ♀ POMPEK, MAIRI DHU, AND OF ♂ DONDO, IAN BAN. EYES WELL PIGMENTED. HAIR DENSELY PIGMENTED.

SKIN OF PIEBALD PUPPY, AGED 12 DAYS, XIII. 14 OF PEDIGREE, OFFSPRING OF ♀ POMPEK, MAIRI DHU, AND ♂ DONDO, IAN BAN. EYES WELL PIGMENTED. HAIR DENSELY PIGMENTED.

SKIN OF BLACK PUPPY, AGED 16 DAYS, XIII. 12 OF PEDIGREE, OFFSPRING OF ♀ POMPEK, MAIRI DHU, AND ♂ DONDO, IAN BAN. EYES WELL PIGMENTED. HAIR DENSELY PIGMENTED. (A SIMILAR PUPPY ALONE HAS SURVIVED OUT OF THIS LITTER.)

HUMAN PIEBALD LIVING IN EL CAYO, BRITISH HONDURAS. WE OWE THESE PHOTOGRAPHS TO THE KINDNESS OF M. LE COMTE MAURICE DE PÉRIGNY. THE FATHER GIVEN IN THE ILLUSTRATIONS IS A PURE NEGRO, THE MOTHER OF MIXED INDIAN AND NEGRO BLOOD. LISBEY, AGED FIVE, HAS FOUR COFFEE-COLOURED SIBLINGS WITHOUT ANY WHITE SPOTS. THE FIRST ACCOUNT OF THIS PIEBALD WAS PUBLISHED BY M. LE PROFESSEUR R. BLANCHARD, *BULLETIN DE LA SOCIÉTÉ FRANÇAISE D'HISTOIRE DE LA MÉDECINE*, T. IX., P. 213, PARIS, 1910. THIS PIEBALD IS OF THE "CLASSICAL TYPE," AND HIS DISCOVERY IS VERY SATISFACTORY, AS DOUBT HAS BEEN THROWN ON THE EXISTENCE OF THAT TYPE NOTWITHSTANDING THE PAINTINGS OF SUCH PIEBALDS FROM THE 18TH CENTURY.

WAKAMBA ALBINO GIRL. DR ARTHUR'S CASE.

LEUCOTIC PATCHES ON NIPPLES AND AREOLAE IN A HINDU. NO SIGNS OF LEUCODERMA ELSEWHERE; SAID TO HAVE BEGUN THREE YEARS BEFORE PHOTOGRAPH WAS TAKEN. CASE DUE TO MAJOR W. F. HARVEY, I.M.S.

(1)

(2)

(3)

KUKUMKU ALBINO GIRL FROM PHOTOGRAPHS TAKEN BY N. W. THOMAS AT AGBEDE, S. NIGERIA, 1909.

EŠA WOMAN, AGED 28–30; EYES NORMAL, SOME GRAY IN WOOL OF HEAD. THE CASE LOOKS LIKE VERY ADVANCED LEUCODERMA, BUT THE IBO DOCTORS DESCRIBED IT AS "CONGENITAL" (?LEUCODERMA STARTING AT BIRTH). FROM PHOTOGRAPHS TAKEN AT ISUA, S. NIGERIA, 1909, BY N. W. THOMAS.

(1)

(2)

LISBEY, THE PIEBALD BOY OF EL CAYO, BRITISH HONDURAS. FROM PHOTOGRAPHS TAKEN FOR K. PEARSON, THROUGH THE COURTESY OF ROBERT H. FRANKLIN, ESQ., JULY, 1912. LISBEY'S FATHER, MOTHER, AND THREE YOUNGER SISTERS ARE SHOWN IN THE LOWER CUT.

(1)

XIII. 19 ♀ Mor dhu, XIII. 20 ♀ Cilis dhu. XIII. 21 ♀ Senè dhu. Dondo × Pompek. All three typical Pompeks in coat. At three months. Litter-Siblings of XIII. 22—24.

(2)

XIII. 23 ♀ Giorsal ruadh, XIII. 24 ♀ Mor bhan, XIII. 22 ♂ Donnach ruadh. Dondo × Pompek. Two sable dogs, normal Pekinese in coat, and one albino. At three months. Litter-Siblings of XIII. 19—21.

(3)

XII. 38 ♂ Fraoch dhu. Pompek. At seven weeks.

(4)

XIII. *u* ♀ Garthonzie bhan (left), XIII. *m* ♀ Cabhagach dhu (right). Dondo × Pompek. The first is an albino, the second a typical Pompek in coat. At two months.

(5)

XIII. 11 ♀ Piali dhu. Dondo × Pompek. At 13 months. A dog of the same type as Cilis, *i.e.* Pompek type.

(6)

XIII. 31 ♀ Sheila, Wolf-Sable. Pompek × Pompek. A reversion to the normal Pekinese colouring. Front view. At four months. Cf. Giorsal and Donnach in (2) and (7).

(7)

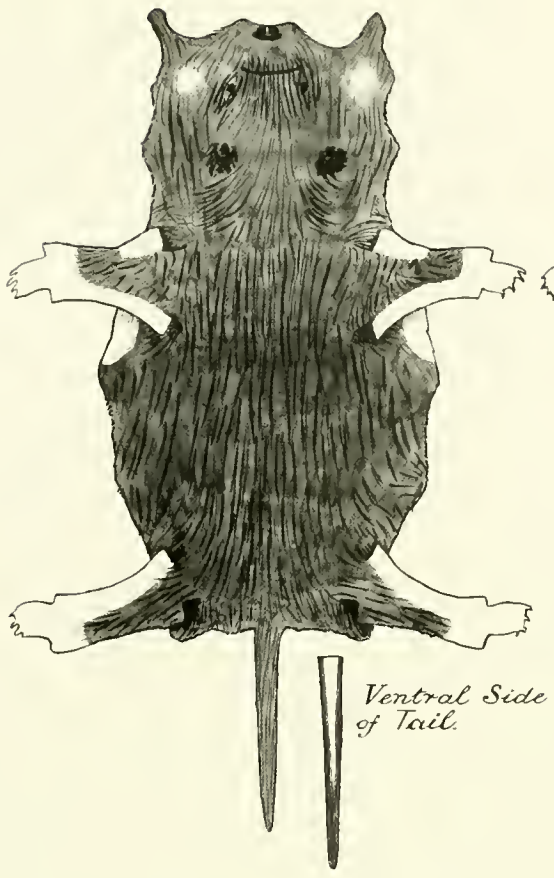
XIII 22 ♂ Donnach ruadh. Dondo × Pompek. At 10 months. Sable dog, *i.e.* yellow-red and black hairs mixed.

(8)

XIII. 31 ♀ Sheila, Wolf-Sable. Pompek × Pompek. A reversion to the normal Pekinese colouring. Side view. At four months. Cf. Giorsal and Donnach in (2) and (7).

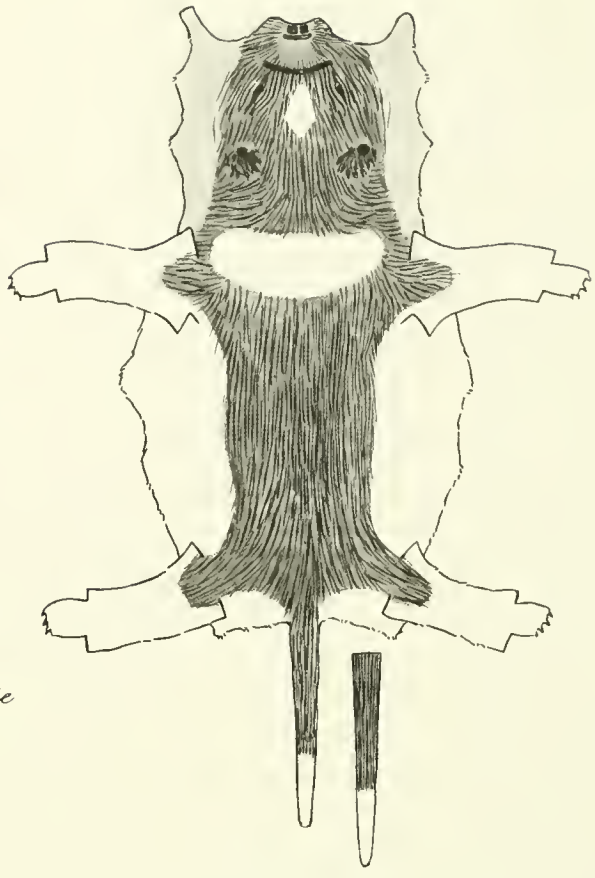
Dondo and Pomeranian Hybrids.

SCHEMATIC DISTRIBUTION OF COLOURED PARTS OF COAT.



(1)

XI. 10 Fo I. THE SHADED PARTS IN THESE FIGURES ARE PALE YELLOWISH BROWN OR LIGHT FAWN.



(2)

XI. 9 Fe. DISTRIBUTION OF COLOUR AT SIX MONTHS. CHEST NOT QUITE WHITE. COLOUR AS Fo I.

SKEWBALD PUPPIES FROM DONDO × DONDO.

(3)

XIII. 30 POMPEK × POMPEK (LEFT), TYPICAL POMPEK. XIII. 32 POMPEK × POMPEK (RIGHT). EXTRACTED BUT INCOMPLETE ALBINO. COAT: "LILAC" WITH WHITE SHIRT FRONT; EYES: DONDO ALBINISM.

(4)

XIII. 29 POMPEK × POMPEK. LITTER-SIBLING OF XIII. 25—28. TYPICAL POMPEK, BUT NOSE DIFFERENTIATED FROM REST OF LITTER. CF. THIS PLATE (5).

(5)

XIII. 25—28 POMPEK × POMPEK. LITTER-SIBLINGS OF XIII. 29. ALL TYPICAL POMPEKS WITH SLIGHT TINGE OF RED IN SOME OF THE COATS.

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Pearson, Karl, 1857-1936.

A monograph on albinism in man

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